

The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools KA3B. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@sneezy.sri.com. The bulletin may be freely quoted, provided that credit is given.

1997 SMIRK Contest

TOP TEN WORLDWIDE WINNERS

Rank	Call	SMIRK#	Score
1	N0KE	4637	27090
2	KB5IUA	5487	23140
3	KC4SUS	5658	18585
4	KE4HGD	5766	16969
5	KA0BAD	6045	16100
6	WB4OQX	5796	14518
7	XE2/KC5FMT	7292	13674
8	VA3TCA	6070	13200
9	N1MIA	5929	6586
10	XE2HWP	5930	5564

SCORES BY COUNTRY/ARRL SECTION

Call	SMIRK#	Score	Comments
CANADA			
VE2PIJ	5993	3052	QUEBEC WINNER
VA3TCA	6070	13200	ONTARIO WINNER
VE7HCP	6128	496	
VE7IHS	6156	312	
VE7XF	5535	1260	BRIT. COLUMBIA WINNER
VE7XO	5715	418	
CUBA			
CO2OJ	5775	240	CUBAN WINNER
UK			
G1IOV	5609	424	UK WINNER
ITALY			
IW0RLC	-	3550	ITALY WINNER
MEXICO			
XE2HWP	5930	5564	
XE2/KC5FMT	7292	13674	MEXICO WINNER
SOUTH AFRICA			
ZR1AEZ	6115	40	
ZR1EV	5673	186	SOUTH AFRICAN WINNER
ZR1TRD	-	60	

UNITED STATES, W1

N1ABY	4957	MA	425	E. MASS WINNER
K1EP	5922	MA	68	
N1MIA	5929	MA	6586	W. MASS WINNER
K8BGZ/1	-	RI	518	RI WINNER
W3EP/1	4716	CT	1488	CONNECTICUT WINNER

UNITED STATES, W2

N2TMT	6095	NY	611	E. NEW YORK WINNER
WA2ZNC	1172	NY	702	W. NEW YORK WINNER
NL7XM/2	5307	NY	10	NEW YORK CITY WINNER

UNITED STATES, W3

WA3CSP	1171	PA	2997	E. PA WINNER
AA3GM	5739	PA	136	W. PA WINNER
W3NAZ	-	PA	48	

UNITED STATES, W4

AD4DY	5724	AL	760	ALABAMA WINNER
KF4CYB	5932	FL	3321	
KU4DG	5945	FL	1404	
KC4SUS	5658	FL	18585	FLORIDA WINNER
KB4BIA	6081	GA	126	
WB4OQX	5796	GA	14518	GEORGIA WINNER
KH6FLD/4	3100	GA	1800	
KE4LGL	6122	KY	48	KENTUCKY WINNER
KF4JHX	6139	NC	1584	NORTH CAROLINA WINNER
KB4QQJ	6141	NC	1332	
TOM DRAKE	-	NC	456	
KE4HGD	5766	SC	16969	SOUTH CAROLINA WINNER
AD4F	4913	TN	10	
KA4CHT	3367	TN	3456	TENNESSEE WINNER
KE4HOA	6085	VA	825	
KE4IAP	6090	VA	1736	VIRGINIA WINNER

UNITED STATES, W5

W5ICW	3787	TX	162	
KB5IUA	5487	TX	23140	SOUTH TEXAS WINNER
WA5VKS	-	TX	1340	NORTH TEXAS WINNER
N5WU	6133	TX	429	
W3XO/5	800	TX	3200	
WJ5RC	5953	MS	3552	MS WINNER
N5TNM	5726	AR	264	ARKANSAS WINNER
KC5UGX	6116	OK	182	OKLAHOMA WINNER

UNITED STATES, W6

WB6FSE	479	CA	444	JSJV WINNER
K6FV	2933	CA	2921	SCV WINNER
KF6GYM	6176	CA	680	EAST BAY WINNER
KB6NAN	7388	CA	2415	
N6RPM	5687	CA	672	
KE6SNF	-	CA	864	LA WINNER

UNITED STATES, W7

N7DB	105	OR	644	OREGON WINNER
N7GJD	5863	AZ	114	
N7WB	5852	AZ	2808	
WB7OHF	2196	AZ	4400	ARIZONA WINNER
K7IEY	2124	WA	1008	WEST WASHINGTON WINNER
NW70	5350	NV	4752	NEVADA WINNER
W7PQE	6152	WA	2407	EAST WASHINGTON WINNER
KE7SW	5382	WA	931	
N7YAP	6153	WA	144	

UNITED STATES, W8

W8MVE	2645	OH	3120	OHIO WINNER
N8XA	3630	OH	512	
KC8ERC	6131	WV	2813	WEST VIRGINIA WINNER
N8RBC	6016	WV	240	
K8UC	6134	WV	310	

UNITED STATES, W9

N9PBA	5738	WI	1932	WISCONSIN WINNER
N9RZY	5940	IN	330	INDIANA WINNER
K9ZZE	6148	IL	324	ILLINOIS WINNER

UNITED STATES, W0

KA0BAD	6045	CO	16100	
W0ETT	3694	CO	1826	
N0KE	4637	CO	27090	COLORADO WINNER
N0LL	761	KS	912	KANSAS WINNER
KB0PNE	6135	KS	184	
WB0TIJ	6125	KS	252	
KB0LXX	5847	ND	209	NORTH DAKOTA WINNER
N0XKS	5815	MO	200	MISSOURI WINNER

FIELDHUNTER'S LIST

This is a list of radio amateurs' efforts to chase and collect fields (big squares) according to the Maidenhead Locator System. SM5INC is the keeper of lists of standings of grid fields worked by radio amateurs on VHF. Compiled quarterly since 1982, the list shows the situation on March 31, June 30, September 30 and December 31 at 2400 UTC. This 50 MHz list is from one (VHF) of four sponsored by the Swedish Sending Amateurs. The others are HF (part I and II), and UHF/SHF. Johnny posts on the Internet lists quarterly for each VHF/UHF/SHF amateur band.

The 50 MHz standings as of December 31, 1997 appear to the right of this column. In the list, the columns are: Position on list; Callsign; The station's own field; Number of fields worked; and Date last updated.

Readers are reminded that a grid field is a block of 10' latitude by 20' longitude, and is the first two letters of a grid square as determined by the Maidenhead Locator System.

Please send your info as soon as possible to SM5INC, Johnny Ryden, Rombergsgatan 39, S-745 33 Enköping, SWEDEN. Phone +46-17127883. Packet SM5INC @ SK5BB.#AROS.U.SWE.EU. E-mail: jr@abc.se

RULES:

1. All fields must have been worked via passive reflectors.
2. All stations involved must be on the earth's surface.
3. QSL cards are not required if you are certain that the other station considers the QSO to have been completed.
4. All QSOs must have been worked from points within a circle of 1000 km radius.
5. There is no starting date for contacts to be eligible.

Fieldhunter's List

50 MHz Standings as of December 31, 1997
by Johnny Ryden, SM5INC

Rank	Call	Field	Fields	YMM	Rank	Call	Field	Fields	YMM
1	JA1VOK	QM	112	9601	37	WA5JCI	EM	61	9708
2	JA6RJK	PM	93	9605		JM1SZY	PM	59	9609
3	JA6TEW	PM	91	9712		K1GPJ	FN	59	9503
4	WA6BYA	CM	86	9511		S59A	JN	59	9404
5	PY5CC	GG	82	9503		WB8YFE	EN	59	9706
6	W5FF	DM	81	9708	41	G0JHC	IO	58	9507
7	GJ4ICD	IN	76	9608		PA3EUI	JO	58	9706
8	PA0HIP	JO	75	9707	43	W7HAH	DN	57	9610
9	W5OZI	EM	74	9405		WB4DRB	FM	57	9507
10	K5AM	DM	72	9606	45	F1GTU	JN	56	9705
	SV1DH	KM	72	9711		G3OIL	IO	56	9611
12	SM7FJE	JO	71	9709		GW8FKB	IO	56	9711
	WA1OUB	FN	71	9601		KB5IUA	EL	56	9707
14	VK3OT	QF	70	9705		OZ3ZW	JO	56	9411
	VK4APG	QG	70	9612		WA5IYX	EL	56	9508
	W4DR	FM	70	9602	51	K0TLM	EM	55	9508
17	K1TOL	FN	69	9503		N0KE	DM	55	9708
	N0LL	EM	69	9408		W3ZZ	FM	55	9601
	N5JHV	DM	69	9605	54	I5MXX	JN	54	9712
20	TI2NA	EJ	68	9503		WA1AYS	FN	53	9408
21	G3WOS	IO	67	9707	56	G4IFX	IO	52	9510
	K0US	EN	67	9405		PA3FYM	JO	52	9410
	ON4KST	JO	67	9507		WA2TEO	FN	52	9604
24	G4IGO	IO	66	9708	59	DJ3TF	JN	51	9601
25	G4UPS	IO	65	9610		KE7CX	CN	51	9605
	SM7AED	JO	65	9709		W5AL	DM	51	9707
27	PA3BFM	JO	64	9606		ZS6WB	KG	51	9405
	SM7BAE	JO	64	9507	63	W0FY	EM	50	9707
29	DL7AV	JN	63	9707		W6YLZ	DM	50	9701
	PA0OOS	JO	63	9707	65	PA2TAB	JO	49	9502
31	KG6UH/DU1	PK	62	9709	66	I0CUT	JN	48	9504
32	KH6HH	BL	61	9505		K6EID	EM	48	9706
	PA0RDY	JO	61	9412		PE1LCH	JO	48	9703
	SV1EN	KM	61	9707		WA5QCP	DM	48	9509
	W3EP	FN	61	9601	70	W3IWU	FN	47	9412

Rank	Call	Field	Fields	YMM	Rank	Call	Field	Fields	YMM
	ZL3AAU	RE	47	9508		SM5NVE	JO	18	9707
72	G4HBA	IO	46	9502	141	ES5DE	KO	17	9702
	K6FV	CM	46	9509		ON4FZ	JO	17	9409
	VE3FGU	FN	46	9708		PE1EBJ	JO	17	9603
75	DJ1OJ	JN	45	9707		PE1OGF	JO	17	9611
	KY5N	EM	45	9701		WB8RUQ	EN	17	9606
77	W3OTC	FM	44	9602	146	DL1EJA	JO	16	9711
	W9JUV	EN	44	9611		ES1CW	KO	16	9702
79	N5BBO	EL	43	9606		ES5RY	KO	16	9702
	S59F	JN	43	9608		G4DCJ	JO	16	9608
	VK6HK	OF	43	9510		G8DCJ	IO	16	9509
82	K9LCR	EN	42	9601		KD4GVW	EM	16	9505
	VE3CTT	FN	42	9707		N7YAP	DN	16	9706
84	N5HHS	EM	40	9609	153	G4MJS	IO	15	9506
	N8NQS	EN	40	9702		IK0BAL	JN	15	9704
	SM3EQY	JP	40	9508		SM3VEE	JP	15	9610
	VE7XF	CN	40	9702		SM6MPA	JO	15	9508
88	K0CJ	EN	39	9707		XE1AVM	DK	15	9612
89	SM0KAK	JO	38	9608	158	ES2RJ	KO	14	9702
90	KA7MCX	CN	37	9708		G8CDW	JO	14	9511
	N6ZCP	DM	37	9711		KB0MJD	DN	14	9602
92	KH2CY	FM	36	9610		N8ZJN	EM	14	9611
	OZ5IQ	JO	36	9508		SM6MVE	JO	14	9711
94	GW6VZW	IO	35	9605	163	DL7FF	JO	13	9709
	K8UNV	EM	35	9508		ES6PZ	KO	13	9702
96	OH1LEU	KP	34	9506		K0RZ	DM	13	9501
	OZ6AQ	JO	34	9712		N0WVU	DM	13	9607
98	W6YLL	CM	33	9702		ON9BGP	JO	13	9707
99	OH5IY	KP	32	9408		WA1ECF	FN	13	9611
	YO2IS	KN	32	9410	169	ES2RW	KO	12	9702
101	SM7JUQ	JO	31	9506		ES5QA	KO	12	9702
102	G6LEU	IO	30	9707		K7UV	DN	12	9704
	PA0ION	JO	30	9501		K06ET	DM	12	9701
	PA3GML	JO	30	9705		OH2BNH	KP	12	9407
105	G3KLL	IO	29	9707		ON4CCR	JO	12	9706
	YO7VS	KN	29	9611	175	LA5TFA	JP	11	9701
107	VK3ALM	QF	28	9508		N8CGY	EN	11	9710
	W9VA	EN	28	9706		SM5INC	JO	11	9706
	WA6TBO	DM	28	9708		SM6VKC	JO	11	9708
110	ES6QB	KO	27	9702	179	ES0SM	KO	10	9702
	VE6XT	DO	27	9707		ES1II	KO	10	9702
	VE7SKA	CN	27	9608		ES5PC	KO	10	9702
113	KB6NAN	CM	26	9607		HP3XUG	EJ	10	9709
	OZ1IZB	JO	26	9410		KB0QDK	DN	10	9602
	VY2KX	FN	26	9702		OZ1CJX	JO	10	9602
	Z23JO	KH	26	9608		PE1MJR	JO	10	9409
117	SM7NNJ	JO	25	9406		SM0GJK	JO	10	9708
	WB7QBS	CN	25	9609		SM5PPS	JO	10	9507
119	GJ3RAX	IN	24	9609		SM5VCK	JO	10	9710
	OZ1IEP	JO	24	9510	189	KB8TEJ	EM	9	9706
121	DL3YEE	JO	23	9504		SM4HEJ	JO	9	9602
122	DL8EBW	JO	22	9404		VE2PIJ	FN	9	9707
	KL7GLL/W4FM	JO	22	9707		XE1KK	EK	9	9601
	N0HJZ	EN	22	9607	193	ES4NG	KO	8	9702
	SM4POB	JP	22	9606		NH6YK	BL	8	9601
126	G6MXL	IO	21	9411		OZ2AEV	JO	8	9606
	GW8FKB	IO	21	9701		ZR1AEZ	JF	8	9701
	N5HHS	EL	21	9609	197	NH6YK/KH4AL	JF	7	9601
	NL7XM	FN	21	9507	198	OK2BEE	JN	6	9712
	VE3TMG	EN	21	9707		SM5KUX	JO	6	9506
131	ES5MC	KO	20	9702	200	ES1AW	KO	5	9702
	OH1AJ	KP	20	9507		ES1HW	KO	5	9510
	WA9PWP	EN	20	9611		ES2XM	KO	5	9510
134	DL3AMA	JO	18	9503	203	ES1JL	KO	4	9702
	DL5BBL	JO	18	9507		ES1RF	KO	4	9702
	DL7ANR	JO	18	9706		ES1XT	KO	4	9702
	EI7GL	IO	18	9604		SM6USS	JO	4	9707
	HL9UH	PK	18	9709	207	SK7CA	JO	3	9701
	OH9NYW	KP	18	9701					

Errata

Last month I listed KH7R under Kure Is. Ted Bratstrom, NH6YK, pointed out to me that KH7R is the former KH6HH, Ken Hoppe, who is located in BL01 on the north shore of Oahu. All Kure callsigns (except for the last DXpedition K7K) should have KH7K in the call.

Ted remarks that he was also on the air that day and heard fragments of the ZL2?although at times it sounded like a 3D2. Signals would come in well for a few seconds, enough to get a letter or number . . . then fade. Ken kept with it and completed the contact. I had some other work to do.

Dec 97-Jan 98 DX Reports

The following reports of 45 MHz and higher DX propagation are courtesy of SM7AED's *Six-metre Info*, JA1VOK's column *V,UHF DX Topics* in *MOBIL HAM*, G4UPS, ZL3TIC, VE7SKA, SM7FJE, LW5EJU, PY5CC, HP3XUG, XE2HWB, WB7QBS, K6QXY, KC6IPF, W0MTK, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1997 for months less than 02 and 1998 for entries starting with 01. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, T=Television, W=mode not mentioned, H=heard only.

Reports of Africa

MALAWI

01061500 7Q7RM/7Q7SIX > KG33 -1800 B ZS6AXT
01071700 7Q7RM > KG33 -1730 ZS6AXT

NAMIBIA: A report from ZR1EV: I made a phone call to V51KC to ask him to come up on frequency, but he said that his antenna had gone faulty, and that he would be unable to transmit.

Since the beginning of January he worked a lot of stations.

01 January: He worked 15 stations in ZS5
02 January: There was an opening to the Cape Town area, but he was not at home. According to Karl, ZS1KC, the V5 beacon was strong in the Cape.

14 January: He worked some station in ZS6 and later the day ZS5.

He is listening on 50.200 for ZS and 50.110 for Europe and Africa.

Only 3 station are active on 50 MHz: V51C, V51KC and V51E. V51DM is not that active, haven't heard him for some time."

01021230+V51VHF > KG33 <1330 B ZS6AXT
01021250 V51VHF 559 > JF96 50.018 B ZR1EV
01071107 V51VHF 551-599 -1416 50.018 B ZR1EV
01101230 V51VHF 554 > JF96 50.0185 B ZR1EV
01141XXX V51VHF ALSO HD BY ZR1TRD B ZS6PJS

SOUTH AFRICA

01021230+ZS1/ZR1 59+ > KG33 -1330 S ZS6AXT

01021230+ZS1AGX > KG33 <1330 B ZS6AXT
01021250 ZS6DN 559 > JF96 50.050 B ZR1EV
01021250 ZS6TWB 559 > JF96 50.044 B ZR1EV
01021256 ZS6AXT 59 Ivo S ZR1EV
01021258 ZS6AWK 59 Danie S ZR1EV
01021301 ZS6TW 59 Keith KG44ba S ZR1EV
01021308 ZS6CBQ 59 Carl KG33vu S ZR1EV
01021315 ZS6WB 59 Hal S ZR1EV
01021320 ZR6KJL 59 Ken S ZR1EV
01021326 ZS6HS 59 Bert KG33xr S ZR1EV
01021332 ZS6XL 59 Servaas S ZR1EV
01021815 ZS6DN > JF96 -1904 50.050 B ZR1EV
01021829 ZR6VE 59 KG44 > JF96 50.200 S ZR1EV
01021840 ZS1 > KG33 -1900 ZS6AXT
01021842 ZS6AXT 59 KG33 > JF96 50.200 S ZR1EV
01021845 ZS6PVW 59 KG44 > JF96 50.200 S ZR1EV
01081041 ZS6TWB 559+ -1119 50.044 B ZR1EV
01081110 ZS1KC > KG44 50.200 S ZS6MVW
01081113 ZS6MVW 59 KG44 > JF96 50.20 S ZR1EV
01082101 ZS6TWB -2156 50.044 B ZR1EV
01090857 ZS6TWB 559+ -0911 50.044 B ZR1EV
01100906 ZS6TWB 559+ KG46 -1043 B ZR1EV
01100924 ZS6PJS 59+ KG46 50.200 S ZR1EV
01101029 ZS6ALE 53 KG46 3W 50.200 S ZR1EV
01101102 ZS1COM 59+ JF96 50.200 S ZR1EV
01131245 ZS6TWB 558 -1300 50.044 B ZR1EV
01131251 ZS6PJS 59+ KG46 > JF96 50.2 S ZR1EV
01131254 ZS6PVW 57 KG44>JF96 50.200 S ZR1EV
01131450 ZS6TWB 554 -1500 50.044 B ZR1EV
01141526 ZS6TWB 553 KG46 50.044 B ZR1EV
01141533 ZS6PJS 59+ KG46rc 50.200 ZR1EV
01141547 ZS6PVW 59+ KG44bg 50.200 ZR1EV
01141549 ZS6MVW 59+ KG44bg 50.200 ZR1EV
01141553 ZS6HS 59+ KG33xr 50.150 ZR1EV
011415XX ZS08TB PACKET BBS 50.500 B ZS6PJS
011415XX ZS2SIX B ZS6PJS
01141604 ZS6JOM 59+ KG33vv 50.150 ZR1EV
01141606 ZS6AXT 59+ KG33vv 50.150 ZR1EV
01141608 ZR6ARF 59+ KG44bb 50.150 ZR1EV
01141610 ZR6YY 59+ KG44bb 50.150 ZR1EV
01141613 ZR6ATQ 59+ -1720 50.150 ZR1EV
01141614 ZS6GBJ 59+ KG44au 50.150 ZR1EV
01141615 ZS6DN 556 50.050 B ZR1EV
01141626 ZR6VE 59+ KG44ce 50.200 ZR1EV
01141638 ZS6WB 59+ KG44 50.200 ZR1EV

Reports of Antarctica:

PY5CC reports: "I found LU1ZC, Hector, on the Cluster working stations on 14.178 MHz and we tried 6m. His signal was 51 to 52, and he gave me 59.

Hector said he was working with a wire antenna but in the next days would put up a directional. He will be on Deception island until end of February.

What a pleasure to work a new Country, new Field, and new continent. I think his Locator is FC97 according to the co-ordinates that i find on my World Atlas. (62°57S 60°38W)"

01142150 LU1ZC DECEPTION I. 50.105 S PY5CC
01252130 LU1ZC 50.100 C PY2XB

Reports of Asia

ASIA, GENERAL

01010600 ASIAN TV 59 W/OFFSETS 49.75 V ZL3TIC
01010935 ASIAN TV W/ OFFSETS 48.250 V ZL3TIC
01140432 ASIAN TV VID -0520 49.75 V ZL3TIC

JAPAN

01010615 JA1??? 50.110 H ZL3TIC
01020830 JA6YBR PM51 >QM05 50.017 B JA1VOK
01020833 JL6STG PM51 >QM05 50. S JA1VOK
01020834 JR6XXI PL36 >QM05 50. S JA1VOK
01020835 JR6YAG PL36 >QM05 50.037 B JA1VOK
01030215 JA2IGY > RF70 50.010 B ZL2TFY
01030225 JA1/7/9 -0255 50. S ZL2TFY
01031000 JA6YBR >QM05 50.017 B JA1VOK
01040445 JA6YBR >QM05 50.017 B JA1VOK
01110252 JA7WSX 50.145 S ZL2TFY
01110255 JK7IKU 50.120 S ZL2TFY
01111040 JA6YBR >QM05 50.017 B JA1VOK
01140446 JR2HCB 50.11 ZL3TIC
01140448 JA2IGY 519 B ZL3TIC
01140449 JA1RJU 50.11 ZL3TIC
01140505 JH4JPO 50.14 ZL3TIC
01140506 JH7UPW 50.14 ZL3TIC
01181335 JA6YBR >QM05 50.017 B JA1VOK

KOREA,S.

01031100 HL1LTC >QM05 50.110 S JA1VOK

TAIWAN

01021017 BV2SR PLO5 >QM05 50.110 S JA1VOK
01021025 BV2SR >PM86 50.110 S JA9SSB

Reports of Europe

ALAND IS.

12301650 OH0KCE JF90 AU S SM7AED

AUSTRIA

12132304 OE2UKL C SM7AED
12140937 OE2UKL 59/59 JN67 > IO80JV S G4UPS

CZECH REPUBLIC

12140841 OK1DDO C SM7AED

DENMARK

12231043 OE2LD 599/599 59/59 JO54 W G4UPS
12241232 OE2LD 559 MS H G4UPS
12301717 OE5AGJ JO56 AU S SM7AED

ENGLAND

12140822 G4UPS C SM7AED

ESTONIA

12301643 ES1CW KO29 AU C SM7AED

FAROE ISLANDS

12301635 OY9JD AU GM4DGT
12301652 OY9JD IP62 AU S SM7AED

FINLAND

12312141 OH5WQ S SM7AED
12301741 OF3QL KP20 AU SM7AED

FRANCE

12132110+FLJG S SM7AED

GERMANY

12132200+DJ5BV, DL3AIE <2300 H SM7AED
12140818 DF4IE C SM7AED

ITALY

12132300 I3MTF S SM7AED
12140928 IW5BML 56 PEAK H G4UPS

LATVIA

12301641 YL3AG KO26 AU C SM7AED

NETHERLANDS

12132200+PA3ANV, PE10XT <2300 H SM7AED

NORWAY

12301710 LA9VDA JO59 AU C SM7AED

POLAND

12041110 SP9 G3HBR
12041115 SP9E QUICKLY FADES OUT H G4UPS
12140910 SP2MKO? 44 H G4UPS
12142120 SP5BAK SM7AED
12211247 SP6ASD 59/599 JO81 TADEK W G4UPS
12301727 SP4MEB KO03 AU C SM7AED

SCOTLAND

12130901 GB3RMK 589 QSB IN/OUT -0907 B G4UPS
12301657 GB3WOJ IO77 AU C SM7AED
12301720 GB3WOJ AU WKG SM7WDS 5° H G4UPS
12301724 GB3WOJ 55A/55A IO77WS CHRIS C G4UPS
12301724+GB3RMK 44A -1814 B G4UPS
12301724+GM4WJA 44A H G4UPS
12301734 MM0AMW 51A/51A IO75EJ DAVID C G4UPS
12301759 GM4DGT 55A/53A IO86 BILL C G4UPS

SERBIA

12132110 YU1BU C SM7AED
12142053 YT1AU SM7AED

SLOVENIA

12132200+S58J <2300 H SM7AED
12132307 S57AC C SM7AED

SWEDEN

12130852 SM7AED 559/559 VY QSB C G4UPS
12140848 SM7AED 599 MS 50.110 H G4UPS
12140852 SM3BIU 569/569 JF73 BAS C G4UPS
12190849 SM7AED 559 CLG G3CCH H G4UPS
12301637 SM3OKC JP80 AU C SM7AED
12301701 SM5KNV JO88 AU S SM7AED
12301712 SM5HJS JO99 AU C SM7AED
12301800 SM4VMS JP80 AU C SM7AED
12310854 SM7AED 599/599 C G4UPS

Reports of North America

This month's TV and FM DX reports via Es were submitted by N7SOK; VE7SKA; WA5IYX; Danny Oglethorpe, Shreveport, LA; William Eckberg, Dixon, IL; and Jeff Kruszk, Baton Rouge, LA. Reports were received from Rick Shaffan, Sparta, NJ via the Internet.

BAHAMAS

01111900-65AGW FL16 > CM88 K6QXY
01112330 65AGW FL16 > EL29 W K5LLZ
01120012 65AGW FL16 > CM85 W 7E1J
01120027 65AGW FL16 > CM80 50.125 S KC61FP

BARBADOS

12012324 8P6ER > GG54 FY3CC

CANADA, Eastern

12290110 VE3FGU > GG54 FY3CC
01070131 VE3CTT FN07 > EN13 AU W W7XU/0
010703XX VE3AURL 31A FN03 > EN66 B N8PUM
010703XX VE3EGC EN76 > EN66 AUR 144 H N8PUM

CANADA, Western

12310235 CKND2 2 MB 1279 T OGLETHO
12310507 VE7CUP 59/59 CO55 50.122 S KC61FP
01070055 VE4VHF AU > EN13 >0815 B W7XU/0
01070108 VE6EMU DO33 55' AU 50.041 B VE7SKA
01070150 VE5UF DO61 > EN13 AUE? W W7XU/0
01070246 VE6ARC DO05 55' AU 50.044 B VE7SKA
01070250 VE2SWL/6 DO21 55' AU 50.125 S VE7SKA
01070257 VE6NA DO20 55' AU 144.200 C VE7SKA
01070305 VE6PY DO20 60' AU 50.125 C VE7SKA
01070438 VE4VHF EN19 80' AUE 50.036 B VE7SKA
01070504 VE6KCP DO33 > EN13 AUE? W W7XU/0
01070522 VE4TCH EN19 > EN13 AU W W7XU/0
01070815 VE6EMU DO33 > EN13 AU H W7XU/0
01100200 VE7 K6QXY
01111900-VE7 K6QXY
01140500 VE7 -0600 > DM07 W7STU/6

El Salvador

12141850 YSR 2 El Salvador 1324 T OGLETHO
12141920 YSU 4 El Salvador 1324 T OGLETHO
01101805 YS? 2 El Salvador T WA5IYX

Cuba

12281750 Cuba 2,5 Tele Rebelde T OGLETHO
12281835 Cuba 4 //2 T OGLETHO

GRENADA

12050023 J3EOC 52 TE > GP05 50.056 B LW5EJU

Guatemala

12141910 TGCST 5 Guatemala T OGLETHO
01101817 TG? 3 Guatemala City T WA5IYX

JAMAICA

01111900-65Y/KF4HIO > CM88 K6QXY

MEXICO

12132310 XE2UEL DM10 > DL44 B XE2HNB
12140015 XE1V DK89 > DL44 S XE2HNB
12140019 XE1AVM DK79 > DL44 S XE2HNB
12140122 XE2UEL DM10 > DL44 B XE2HNB
12152258 unID 2,4,5 Mexico weak T OGLETHO
12162305 XEWot 2 AGS/JAL XEW T OGLETHO
12162330 XHG 4 JAL Guadalajara1003 T OGLETHO
12162340 XHG 4 JAL LA 1020 T KRUSIKA
12162345 XHNCit 4 COL TV7 T OGLETHO
12181720 unID 2 Mexico T OGLETHO
12261945 unID 2,4,5 Can 13,XEW,TV7 T OGLETHO
12262029 XEWO 2 AGS/JAL XEW T OGLETHO
12262029 XHG 4 JAL 1003 T OGLETHO
12280240 XEFB 2 NL 611 T OGLETHO
12280240 XHWxt 4 T OGLETHO
12280330 XEFst 2 TAM T OGLETHO
12282110 unID 2 Mexico T OGLETHO
12282125 unID 5 TV Azteca T OGLETHO
12290006 XHNCit 4 COL T KRUSIKA
12290012 unID 5 Mexico T OGLETHO
12290012 XEWot 2 XEW T OGLETHO
12290012 XHG 4 JAL 1003 T OGLETHO
12290015 XHG 4 JAL 1020 T KRUSIKA
12290020 unID 2 Canal 13 T OGLETHO
12290035 XHI 2 SO 1026 T OGLETHO
12290210 unID 2 XHQ-3 RELAY T OGLETHO
12290210 unID 2,4 XEW,TVast,XHGC-5 T OGLETHO
12292210 XEWt 2 DF T OGLETHO
12292210 XHTV 4 DF 958 T OGLETHO
12292230 XHG 4 JAL 1003 T OGLETHO
12292259 XHJCM 4 AGS/JAL CAMAL 13 T OGLETHO
12292323 XHG 4 JAL 1020 T KRUSIKA
12292330 unID 5 XHGC T KRUSIKA
12300225 unID 4,5 XEW T KRUSIKA
12302015 unID 2,4,5 XEW etc T OGLETHO
12302100 unID 7 on 4 TV AZTECA T KRUSIKA
12302125 XHG 4 JAL 1003 T OGLETHO
12302219 unID 4,5 XEW T KRUSIKA
12310150 XE1J 55/55 DK89>CM80 50.122 S KC61FP
12312035 XEWO 2 AGS/JAL T OGLETHO
12312035 XHG 4 JAL 1003 T OGLETHO
12312050 XHATU 5 JAL 1000 T OGLETHO
12312050 XHNCit 4 COL TV7 T OGLETHO
12312153 unID 3,5 SS T KRUSIKA
12312221 XHG 4 JAL 1020 T KRUSIKA
12312325 unID 6 TV7,CANAL 13 T OGLETHO
12312325 XEWt 2 DF T OGLETHO
12312325 XHGct 5 DF T OGLETHO
12312325 XHTV 4 DF 958 T OGLETHO
01010130 XE2UEL 57 DM10> CM80 50.028 B KC61FP
01020000 XE2/KC5PMT/M EL05>DM70 50 W KOGU
01020020 unID 2,4 Mexico T OGLETHO
01030100 unID 5 XHGC-5,XEW T OGLETHO
01030100 XHG 4 JAL 1003 T OGLETHO
01030100 XHTV 4 DF 958 T OGLETHO
01032115 unID 2,4,5 Mexico T OGLETHO
01032128 unID 2 NORTH MEXICO T WA5IYX

01032310 XE2UEL > 0020 > EL09 B WA5IYX
01081810 unID 2-4 MEXICO T WA5IYX
01082300 XE2HNB, XE2UEL B K6QXY
01082300 XE2UEL DM10>CM92-0200 50.028 B WA7TDS
01082337 XE2UEL 59 > CM87 50.026 B WA6GYD
01100030 XHBC 3 BCM 175' T VE7SKA
01100036 XE2UEL 175' DM10 50.027 B VE7SKA
01100053 XE2UEL WEAK > CM85 <0114 B N7DB
01100123 XE2HNB 53 DL44> CM80 50.112 S KC61FP
01110200 XE2UEL, XE2HNB B K6QXY
01110404 XE2UEL DM10 > EM79 50.028 B N8EJH
01120100 XE2UEL > CM92 -0700 B WA7TDS
01120440 XE2UEL > CM85 > 0630 H N7DB
01140000 XE 2,3,4 Mexico T WA5IYX
01140000 XE2HNB DL44 > CM88 K6QXY
01140044 XHAP 2 Acapulco T WA5IYX
01152225 unID 2-4 Mexico to SW T WA5IYX
01152225 XE 2,3,4 Mexico T WA5IYX
01170000 XE 2,3,4 Mexico T WA5IYX
01190115 XE 2 Mexico T WA5IYX
01190247 XE JAL C.Guzman 96.7 F WA5IYX

PUERTO RICO

12012324 WP40, KP4EIT > GG54 FY3CC
12012328 WP40 58 TE EDWIN 50.110 LW5EJU
12012337 KP4EIT 59 TE PAPO 50.130 LW5EJU
12050004 KP4EIT 53 TE PAPO 50.110 LW5EJU
12082227 WP4MSL, KP4UK FY3CC
12092329 WP4MSL, KP4UK FY3CC
12112353 WP4MSL FY3CC
12120038 KP3AR FY3CC
12120054 KP4EIT FY3CC
12132320 WP40, KP4EIT, KP4SQ FY3CC
12142357 WP40 FY3CC
12182327 KP4UK, WP40 FY3CC
12190028 KP4UK,WP4MSL FY3CC
12190028 WP3MC,EP3MB,WP4NLY FY3CC
12200001 WP40, KP4EIT, KP4BE. FY3CC
12262334 WP4MSL, WP4HSH FY3CC
12270006 WP40 FY3CC
12270051 KP3AA FY3CC
12292357 WP4HSH FY3CC
01200006 WP40, WP4MSL TEP 144.300 H LU2EQG

ST KITTS & NEVIS IS.

11301108 V44K > GP05 B LW5EJU
12282351 V44KAA > GG54 FY3CC

United States, W1

12092358 K1NW > GG54 FY3CC
12112353 K1NW FY3CC
12290059 W1/W3EP, WV1R FY3CC

United States, W2

12190054 WA2LKG > GG54 FY3CC
12282340 W2VY FY3CC
12290038 W2CNS FY3CC
12290047 WA2BPE FY3CC
12290110 K2SPO FY3CC
01120036 K2OY EL86 > CM85 W N7EIJ
12120015 W3JO > GG54 FY3CC
12190003 WB3TX, KB3NR > GG54 FY3CC
12282400 WRC 4 DC 1042 T OGLETHO
12282448 WTAE 4 PA 945 T OGLETHO
12282555 WTTG 5 DC 1042 T OGLETHO
12282310 WJAC 6 PA 991 T OGLETHO
12282351 W3JO > GG54 FY3CC
12290020 WA3NKL FY3CC
12290059 W3BO FY3CC
01012330 W3 > DM04 KC6WFS

United States, W4

12100012 W4LK > GG54 FY3CC
12112353 WB4MKE, W4LK FY3CC
12120001 WB4OQX, KB4TEQ, KD4IRT FY3CC
12120015 KR4MYH, KE4HGD, AD4FF FY3CC
12120026 W4UA, KS4KR, W4CH, KB4FPQ FY3CC
12120038 KD4GVW, KE4GMB, WB4JGG FY3CC
12120038 KD4HPG, KG4ETL FY3CC
12120054 W4ZND, AA4H 789 T OGLETHO
12181635 WESH 2 FL FY3CC
12182327 WB4OQX,KJ4E,KD4LCO,KE4HGB FY3CC
12190003 KJ4E, KC4VE, W4CHA FY3CC
12190003 N4RFN, WB4OQX, KE4MBU FY3CC
12190028 KJ4UY FY3CC
12270006 KJ4E, KB4TEQ FY3CC
12270120 WFOR 4 FL 939 T OGLETHO
12270120 WPBT 2 FL 939 T OGLETHO
12272343 K4MRW FY3CC
12280031 W4UDH FY3CC
12280035 WFOR 4 FL 939 T OGLETHO
12280103 WPBT 2 FL 939 T OGLETHO
12281825 WPBT 2 FL 939 T OGLETHO
12281902 WFOR 4 FL 939 T OGLETHO
12282100 AB4SW, AB4RO (F2) 789 T OGLETHO
12282140 WESH 2 FL 1031 T OGLETHO
12282208 WURD 2 NC 721 T OGLETHO
12282250 WUNC 4 NC 790 T KRUSIKA
12282259 WRAL 5 NC 810 T KRUSIKA
12282329 WTKR 3 VA 960 T KRUSIKA
12282331 K4MQG > GG54 FY3CC
12282331 N4CH, W4VY > GG54 FY3CC
12282351 NS4W, KX4DX, N4KWY FY3CC
12290001 W4DR, KX4DX FY3CC
12290020 KD4UPF FY3CC
12290028 NG4C FY3CC
12290038 WB4GCS FY3CC
12290110 N4MM FY3CC
12290140 WRAL 5 NC 896 T OGLETHO

12290239 N4KWX FM08 > DL44 S XE2HNB
01110235 KF4GWE EM94 > DM04 W KC6WFS
01110256 K4HS > FN41 W1VWX
01110305 K4MQG EM94 > DM04 W KC6WFS
01110339 KF4HNB EM85 > DM04 W KC6WFS
01111900-W4 SC,FL,GA,AL,TN,NC K6QXY
01112300 W4 TN,NC,GA,SC > DM04 H KC6WFS
01112343 W4BUNA EM93 > CM80 50.125 S KC61FP
01112345 AG4V EM55 > DM42 E 144 W N7MS
01112350 KD4HQ EM55 > DM42 E 144 W N7MS
01120000 KE4LVQ EM70 > CM85 W N7EIJ
01120008 W4/WB2QLP EL96 > CM85 W N7EIJ
01120009 W4/WB2QLP EL96 > CM85 H N7DB
01120014 K84KO EM55 > DM42 E 144 W N7MS
01120014 W4/WB2QLP EL96 > DM06 W K6GFP
01120014 W4 FL,TN,AL,GA,VA > DM06 W K6GFP
01120019 WB4WXX EM74 > CM80 50.125 S KC61FP
01120055 W44HFN EM55 > CM98 E 144 S N6KXB
01120100 W4UDH 59 EM52 > CM85 S N7DB
01120129 KF4DEV EM74 > CM85 W N7EIJ
01120129 W4/W9GU 52 EM91 > CM85 S N7DB
01120156 KD4ADP 59/57 EL88 50.125 S KC61FP
01120157 W4CHA 59 EL88 > CM80 50.1 S KC61FP
01120220 W4 AL > CM85 H N7DB
01120224 KE4JFS EM56 > CM85 W N7EIJ
01120230 W4/WB2QLP 58/57 EL96 50.155 S KC61FP
01120242 W4KXY EM84 > CM80 50.155 S KC61FP
01120316 W4/KB3NR EL89 > CM80 50.155 S KC61FP
01120325 W4/WA2LKG 52/52 EL89 50.155 S KC61FP
01120326 W4/K9HUY EL86 > CM80 50.155 S KC61FP
01120328 W4/K2OY 55 EL86>CM80 50.155 S KC61FP
01120330 W44LOX 55 EL87> CM80 50.155 S KC61FP
01120331 K4HS 55 EM73 > CM80 50.155 S KC61FP
01120332 KF4TVB EL87 > CM80 50.155 S KC61FP
01120334 W4/WOVHF 53 EL87 50.155 S KC61FP
01120500 W4 > CM98 H N6KXB
01121759 WBTV 3 NC Charlotte T WA5IYX
01122345 KF4CIA EM69 > CM80 50.125 S KC61FP
01122354 N4QX EM55 > CM80 50.125 S KC61FP
0112XXXX W4WHN EL94 > DM42 E 144 H N7MS
01180100 W4 > EL09 -0235 WA5IYX

United States, W5

12170115 KASA 2 NM > IL 972 T ECKBERG
12090032 KDBct 4 TX CBS NEWS T KRUSIKA
12132239 WB5UGT EL29 > DL44 S XE2HNB
12132244 KC5TAA EL09 > DL44 S XE2HNB
12250245 W5/N9KUW 59 DM65 > CM80 S KC61FP
12250300 KC5GEW 59 DM65 > CM80 S KC61FP
12250314 KC5ZBH DM65 > CM80 50.140 S KC61FP
12250317 AC5MY DM65 > CM80 50.140 S KC61FP
12270051 K5UR > GG54 FY3CC
12272343 K5CM, N5KW > GG54 FY3CC
12280116 KOB 4 NM > LA 955 T KRUSIKA
12280142 KENW 3 NM 760 T KRUSIKA
12280155 KDBC 4 TX 910 T KRUSIKA
12280227 KACB 3 TX ABILENE 555 T KRUSIKA
12280244 KSCM (F2) > GG54 FY3CC
12290001 N5FA > GG54 FY3CC
12290126 W5/NOIPL DM76 > DL44 S XE2HNB
12290139 W5NCD EM11 > DL44 H XE2HNB
12290237 K5WXX DM61 > DL44 S XE2HNB
12290240 W5/N9KUW DM65 > DL44 S XE2HNB
12290241 N5WS EL09 > DL44 S XE2HNB
12290243 N5XZM DM65 > DL44 S XE2HNB
12290245 N5JHV DM62 > DL44 S XE2HNB
12290248 W5OZI EM00 > DL44 H XE2HNB
12290301 AC5?? > DL44 H XE2HNB
12292100 K5BZM (F2) > DL44 FY3CC
12292305 W5?? > DL44 H XE2HNB
12292341 W5/KC7ICM EM04> DL44 H XE2HNB
12292344 K5WN EL09 > DL44 S XE2HNB
12292344 N5WS EL09 > DL44 S XE2HNB
12292348 W5/W3XO EM00 > DL44 S XE2HNB
12292349 N5KM EM35 > DL44 S XE2HNB
12300106 KC5SFV DM65 > DL44 S XE2HNB
01010035 KM5RG 22 EL09 > CM80 50.138 S KC61FP
01010158 W5KPT 59 DM93 > CM80 50.125 S KC61FP
01010228 N5JHV 59 DM62 > CM80 50.125 S KC61FP
01012330 W5 > DM04 S KC6WFS
01012000 W5 TX K6QXY
01020000 KD5ATX DM80 > DN70 FAI 50 W KOGU
01020013 K5TUA EL29 > DN70 FAI 144 W KOGU
01020013 W5ASW EL29 > DN70 FAI 144 W KOGU
01020014 KB5EIV EL29 > DN70 FAI 144 W KOGU
01020032 W5/K9RMV EM12 > CM80 50.125 S KC61FP
01020035 W5/W4UDH 57/57 EM52 50.125 S KC61FP
01020036 KC5CCT 56 EM22> CM80 50.125 S KC61FP
01020048 KB5R1W/M EL09> DN70 FAI 144 W KOGU
01020052 KM5RG EL09 > DN70 FAI 144 W KOGU
01020052 N5WS EL09 > DN70 FAI 144 W KOGU
01020052 W5VY EL09 > DN70 FAI 144 W KOGU
01020053 K15GF EL09 > DN70 FAI 144 W KOGU
01020053 N5ZE EL09 > DN70 FAI 144 W KOGU
01020057 N5BBO EL09 > DN70 FAI 144 W KOGU
01020057 W5/W3XO EM00 > DN70 FAI 144 W KOGU
01020057 WA5IYX EL09 > DN70 FAI 144 W KOGU
01020059 KNME 5 NM 764 T OGLETHO
01020101 K5WN EL09 > DN70 FAI 144 W KOGU
01020104 W5 EL09,08 > CM88 H WA5IYX
01020115 KOB 4 NM 764 T OGLETHO
01020134 KC5COP EM12 > CM80 50.125 S KC61FP
01020145 W5/KK6IT EM11 > DM42 144.205 C N7WS
01020152 K5YT EM22 > DM42 FAI 144.2 C N7WS
01020200 W5 TX,NM > OR CM85 N7DB
01020200 KD5BUR EM23 > DM42 144.2 C N7WS
01020300 KOET 3 OK > ID T N7BOK
01020350 W5DB CM82 > CM96 50.1 S WB7QBS
01020439 K5TVC DM56 > CM96 50.1 S WB7QBS
01020500 KENW 3 NM < 0600 T N7BOK
01020XXX K1II 3 TX Corpus Christi T KOGU
01081950 KASA 2 NM SANTA FE T WA5IYX
01082300 W5 NM,OK,TX K6QXY
01082337 W5 NM > CM87 W6GYD
01090300 N5JHV > FN13 K2SPO

01090414 W5XU AWE5OME EM10 > EM95 KE4GRW
010909XX W5JHV BACKSCATTER 160° K6QXY
01110035 W5/KF6BIU DM65 > DM04 W KC6WFS
01110050-KC5CM EM25 > DM04 W KC6WFS
01110105-W5/KG6DX DM65 > DM04 W KC6WFS
01110120-KC5SHH DM65 > DM04 W KC6WFS
01110150-KC5VKL DM93 > DM04 W KC6WFS
01110200 W5 NM K6QXY
01110200-W50XI B K6QXY
01110200-KT5A EM11 > EM79 < 0500 W N8EJW
01110205-KC5KQF DM93 > DM04 W KC6WFS
01111900 W5 NM,LA, TX,AR,MS K6QXY
01140000-W5 TK K6QXY
01171800 W5 NM, TX K6QXY
01200400 W5 TK K6QXY
01110250-K5AM DM62 > DM04 50.400 A KC6WFS
011102XX W5 LA EM30,32,40 50.125 WB2QLP/4
01110320-W5WNE DM65 > DM04 W KC6WFS
01112243 KC5CCT EM22 > DM42 Ea 144 W N7WS
01112245 W5D5JT EM12 > DM42 Ea 144 W N7WS
01112255 W5EUB EL29 > DM42 Ea 144 W N7WS
01112258 W5AAL EL29 > DM42 Ea 144 W N7WS
01112258 W5PWG EL29 > DM42 Ea 144 W N7WS
01112259 KC5PMT EL29 > DM42 Ea 144 W N7WS
01112259 KC5PMU EL29 > DM42 Ea 144 W N7WS
01112259 KC5FJM EL29 > DM42 Ea 144 W N7WS
01112259 KKKJ NM Gallup 106.1 F WA5IYX
01112300 KD5BAY EL29 > DM42 Ea 144 W N7WS
01112300-W5 NM DM62 > EL29 Ea 144 W N7WS
01112302 KC5HEY EL29 > DM42 Ea 144 W N7WS
01112303 KC5CVF EL29 > DM42 Ea 144 W N7WS
01112305 K5LLN EL29 > DM42 Ea 144 W N7WS
01112308 WA5RT EL49 > DM42 Ea 144 W N7WS
01112315 W5WE EM12 > DM42 Ea 144 W N7WS
01112317 W5AXD EM40 > DM42 Ea 144 W N7WS
01112318 K5IUA EL29 > DM42 Ea 144 W N7WS
01112321 K5UR EM35 > DM42 Ea 144 W N7WS
01112323 W5IGW EM33 > DM42 Ea 144 W N7WS
01112329 W5OB EL18 > DM42 Ea 144 W N7WS
01112330 W5SBDI EM22 > DM42 Ea 144 W N7WS
01112337 K5CM EM25 > DM42 Ea 144 W N7WS
01112339 KD5BUR EM23 > DM42 Ea 144 W N7WS
01112342 AB5SS EL29 > DM42 Ea 144 W N7WS
01112348 W5KK EM25 > DM42 Ea 144 W N7WS
01112357 W5RCI EM44 > DM42 Ea 144 W N7WS
01120000 KB5SQK EM34 > DM42 Ea 144 W N7WS
01120001 KB5HFM EL59 > CN85 W N7EIJ
01120001 KD5BHL EM25 > DM42 Ea 144 W N7WS
01120002 W5OSK EM25 > DM42 Ea 144 W N7WS
01120003 W5FAC EM35 > DM42 Ea 144 W N7WS
01120004 W5UWB EL17 > CN96 50.1 S WB7QBS
01120007 KC5OIL EM10 > CN85 W N7EIJ
01120009 W5KW EM25 > DM42 Ea 144 W N7WS
01120014-W5 MS > DM06 < 0414 W W6KGF
01120016 K5UR EM35 > CN85 W N7EIJ
01120018 KC5MOA 53/55 EL08 50.125 S KC6IPF
01120019 W5YK EL16 > CN96 50.1 S WB7QBS
01120020 W5SYA EM31 > CN85 W N7EIJ
01120020 W5/WA3UUM EL29 > DM42 Ea 144 W N7WS
01120021 KD5GG EL29 > DM42 Ea 144 W N7WS
01120024 W5VAS > CN85 B N7DB
01120026 W5YK EL16 > CN85 W N7EIJ
01120027 KB5HFM 56 EL59 > CN85 S N7DB
01120030-W5 EM30,EM31 > CN85 W N7DB
01120032 W5VY EL09 > DM42 Ea 144 W N7WS
01120032 WA5IYX EL09 > DM42 Ea 144 W N7WS
01120032 WA5SHL EL18 > DM42 Ea 144 W N7WS
01120041 W5OSK EM25 > CN85 W N7EIJ
01120044 W5/WA3UUM 57 EL29 > CN85 S N7DB
01120100 W5 LA, TX > CN92 < 0400 H WA7TDE
01120101 KC5MOA EL08 > CN96 50.1 S WB7QBS
01120108 K15G EM26 > CN85 W N7EIJ
01120108 W5NCD EM11 > CN96 50.1 S WB7QBS
01120117 K5YU EL29 > CN85 W N7EIJ
01120132 KB5EKA EM53 > CN85 W N7EIJ
01120137 KB5EKA 59 EM53 > CN85 S N7DB
01120150 W5WRE EM11 > CN85 W N7EIJ
01120158 AG5E EL09 > CN96 50.1 S WB7QBS
01120200 K5VEM EM18 > CN85 W N7EIJ
01120205 KB5HFM 57 EL59 > CN80 50.155 S KC6IPF
01120229 W5UWB 44A 300° EM17>EM90 144 W4UE
01120229 W5UWB 44A EL17>EM90 FAI 144 C N7WS
01120236 WB5PFR EM00 > CN85 W N7EIJ
01120258 W5 EL39 > CN85 H N7DB
01120304 KC5OAO 51 EL39 > CN80 50.155 S KC6IPF
01120328 K5WN EL09 > EM62 50.100 C W9VA
01120331 W5RDX 59 EM13 > CN80 50.155 S KC6IPF
01120334 W2B5Y EL98 > CN80 50.155 S KC6IPF
01120336 W5HNS 59/59 EL29 50.155 S KC6IPF
01120337 W5AK 59 EL29 > CN80 50.155 S KC6IPF
01120339 WA5OLT 53/57 EM12 50.155 S KC6IPF
01120341 W5AAW 57 EL29 > CN80 50.155 S KC6IPF
01120406 W5/WA3UUM 57 EL29 50.155 S KC6IPF
01120430 W5RDX 59/59 EM13 50.155 S KC6IPF
01120433 K5BEM EM18 > CN87 50.125 H K6FY
01120508 W5 EM76 > CN87 W WAGGYD
01121703 K5TVC DM56 > CN96 50.1 S WB7QBS
01152245-WBRE 2 LA > NW NJ T SHAFTAN
01152245-WBL 4 LA > NW NJ T SHAFTAN
01161512-WLBT 3 MS Jackson > NJ T SHAFTAN
01171900 W5 NM > EL09 WA5IYX
01172329 W5 OK > EL09 WA5IYX
01192320-KJRH 2 OK Tulsa > FW21 T SHAFTAN
01201220 W5VAS > EL87RH FL B KD4ESV

12140107 W6RE CM87 > DL44 S XE2HNB
12140108 WA6KLK CM89 > DL44 S XE2HNB
12140112 AB6GY DM03 > DL44 S XE2HNB
12140112 WA6YOS DM13 > DL44 S XE2HNB
12300135 K6QXY CM88 > DL44 S XE2HNB
12300139 W6QVU CM89 > DL44 S XE2HNB
12300144 KB6HAM CM87 > DL44 S XE2HNB
12300148 W6KEX CM98 > DL44 S XE2HNB
01010100 WA6HHQ 50.110 S EL3AAU
01010100 WA6HHQ 50.110 S EL3ADT
01012355 KR6IT S900013 EM11 FAI 144 W K0GU
01020733 WB6FSC DM97 > CN85 W7DB
01032005 W6GE CM96 > CN96 50.1 S WB7QBS
01081956 KWVE CA SCLMEMENTE 107.9 F WA5IYX
01090000-W6 So. CA K6QXY
01100040 W6 DM03,13,14 -0123 V87SKA
01100049 KCBS \$2 CA 185° T V87SKA
01100053 W6 59 DM13 > CN85 -0114 W7DB
01100247 K6PV 180° 50.069 B V87SKA
01100250 W6 CM87,88 -0312 V87SKA
01100258 KTVU 2 CA 180° T V87SKA
01110005 KCBST 2 CA Los Angeles T WA5IYX
01110200 W6 So. CA K6QXY
01110200-WA6DD DM13 > EM79 < 0500 H N8EJW
01110200-W6CAP DM14 > EM79 < 0500 H N8EJW
01110200-WA6JRA DM13 > EM79 < 0500 H N8EJW
01110216 WA6PEV DM15 > EL96 50.125 WB2QLP/4
01112330 KR6IT EM11 > DM42 Ea 144 W N7WS
01112335-WA6HA DM43 > EM23 Ea 144 W KD5BUR
01120138 W6GAL 55 DM79 > CN85 Ea 144 W N7EIJ
01120155 W6AJ DM06 > EM62 50.100 C W9VA
01120210 W6MYC DM06 > EM62 50.100 C W9VA
01120217-W6ES CM87 > EM62 50.100 C W9VA
01120225-W6YLL CM97 > EM62 50.100 C W9VA
01120234 K6FV CM87 > EM62 50.100 C W9VA
01120240-W6 DM03,04,12,13,14 -0700 W7EIJ
01120250 WVRQ CA Atwater 92.5 F WA5IYX
01120425 WA6JRA 559 ON BS/FAI 50.100 H K6FV
01120430-K6FV CM87 > CN92 FAI 50.095 H WA7TDE
01120500 W6 59+ > CN85 > 0630 W7DB
01120513 KJ6HI 59 DM03 > CN80 50.155 S KC6IPF
01120515 W6HC 59/59 DM13 50.155 S KC6IPF
01120540 WA6DD 59 DM13 > CN80 50.155 S KC6IPF
01120542 KD6NHR 59 DM13 > CN80 50.155 S KC6IPF
01120545 K6FDL 59 DM13 > CN80 50.155 S KC6IPF
01172000 W6 CA > EL09 WA5IYX

United States, W7
12170125 KNAZ 2 AS > IL 1258 T XCKBERG
12140049 W7GE CM98 > DL44 S XE2HNB
12140105 KP7UV DM08 > DL44 S XE2HNB
12250025 KTVU 2 WY 996 T OGLETHO
12250030 KCWC 4 WY 1071 T OGLETHO
12250030 KGNW 5 WY CBS3 859 T OGLETHO
12250036 KGWL 5 WY KGW-14 Wx 1071 T OGLETHO
12250135 KTVX 4 UT 1160 T OGLETHO
12250140 KUTV 2 UT 1160 T OGLETHO
12250243 W7RDX 59 DM45 > CN80 50.130 S KC6IPF
12250305 W7/KRRL DM43 > CN80 50.130 S KC6IPF
12250309 KR7AG DM71 > CN80 50.130 S KC6IPF
12250325 K7SP DM33 > CN80 50.140 S KC6IPF
12250326 WA7KSF DM43 > CN80 50.140 S KC6IPF
12250335 W7IXA DM43 > CN80 50.140 S KC6IPF
12280257 KTVK 3 AS PHOENIX 1245 T KRUSEKA
12281100 KVOA 4 AS 1004 T OGLETHO
12290225 KNAZ 2 AS 1045 T OGLETHO
01010005 KNAZ 2 AS 1045 T OGLETHO
01012330 KNAZ 2 AS > DM04 1258 T XCKBERG
01012335 KSL 5 UT 1160 T OGLETHO
01012335 KTVX 4 UT 1160 T OGLETHO
01012335 KUTV 2 AS 1348 T XCKBERG
01020000 KPHO 5 AS 1348 T XCKBERG
01020050 KVOA 4 AS 1004 T OGLETHO
01020059 KPHO 5 AS 1065 T OGLETHO
01020114 W7BOIC DM33 > EL29 144.2 S K5LLN
01020120 AA7A DM43 > EL29 FAI7144.2 S K5LLN
01020120-W7RV > EL29 FAI7144.2 H K5LLN
01020140 KVUU 5 WY 1238 T OGLETHO
01020200-AA7A DM43 > EM23 FAI 144.2 C KD5BUR
01020200-W7WS DM42 > EM23 FAI 144.2 C KD5BUR
01020200-W7RV DM43 > EM23 FAI 144.2 C KD5BUR
01020300 K7NHS -0335 > EL09 H WA5IYX
01031928 W7ML DM45 > CN80 50.125 S KC6IPF
01032020 W7EW CN84 > CN80 50.125 S KC6IPF
01032116 K7MNL CN86 > CN80 50.125 S KC6IPF
01032120 KNAZ 2 AS 1045 T OGLETHO
01032123 KTVK 3 AS PHOENIX T WA5IYX
01032135 W7GE > EL09 B WA5IYX
01032139 W7R 55 CN85 > CN80 50.125 S KC6IPF
01032145 K7IE CN84 > CN80 50.125 S KC6IPF
01070126 W7HAH DM28 55° AU 50.062 B V87SKA
01070238-W7 EN34,53,66,76>EM51 AU 144W WA9JML
01070251 W7HAH DM26 55° AU 50.130 C V87SKA
01070259 W7HAH DM26 55° AU 144.210 C V87SKA
01070325 K7XW CN96 55° AU 144.200 C V87SKA
01070405 K7JX CN87 60° AU 50.125 H V87SKA
01082300 W7 AZ, ID K6QXY
01082300 W7GE, W7/W6SK B WAGGYD
01082337 W7 AS > CN87 K6QXY
01100200 W7 OR,WA K6QXY
01110055 W7CS DM42 > EM23 FAI 144 W KD5BUR
01110057 KLEY WY Powell 93.7 F WA5IYX
01110135-W7/BLDRO DM41 > DM04 W KC6WFS
01110158 K7CA DM26 > EL96 50.125 WB2QLP/4
01110200 W7 AZ, W7/W6SK B K6QXY
01110200-W7/KC8CC DM33 > EM79 < 0500 W N8EJW
01110200-W7RFI DM22 > EM79 < 0500 W N8EJW
01110200-W7RV DM43 > EM79 < 0500 W N8EJW
01110210 K7ICW DM26 > EL96 50.125 WB2QLP/4
01110242 KSSD UT Cedar City 92.5 F WA5IYX
01110242 KNAZ AZ Page 93.3 F WA5IYX
01110247 W7RDX DM45 > EL96 50.125 WB2QLP/4
01110256 KZEE UT St. George 93.5 F WA5IYX
01111900-W7 UT,WA K6QXY

01112230 KZEE UT St. George 93.5 F WA5IYX
01112246 WB7AIT DM33 > DM42 Ea 144 W N7WS
01112300+W7 AE, BV > EL29 < 0100 144 W K5LLN
01112330 W7/K64OJN DM41 > EL94 144.2 W W4WHH
01112333 W7/WB8LNG DM41 > EL94 144.2 W W4WHH
01112336 W7 AS FAI 144 H WA5IYX
01112338-WA7WDM DM35 > EM23 Ea 144 W KD5BUR
01112341-W7QJP DM33 > EM23 Ea 144 W KD5BUR
01112344-W7WS DM42 > EM23 Ea 144 W KD5BUR
01112347-W7RV DM43 > EM23 Ea 144 W KD5BUR
01112350-K7RNP DM33 > EM23 Ea 144 W KD5BUR
01112353-W7/BU8I DM43 > EM23 Ea 144 W KD5BUR
01112356-WA7KSF DM43 > EM23 Ea 144 W KD5BUR
01120000-KD7GC DM33 > EM23 Ea 144 W KD5BUR
01120004-WA7FPO DM54 > EM23 Ea 144 W KD5BUR
01120008-KF7JS DM43 > EM23 Ea 144 W KD5BUR
01120033 W7WS DM42 > EL09 Ea 144 S WA5IYX
01120049 K7RNS UT > CN85 B W7DB
01120200 K5NE NV Las Vegas 106.5 F WA5IYX
01120229 W7HAH 579 DM28 > CN87 50.062 B K6FV
01120234 W7 DM45 WKG EL59 > CN85 H W7DB
01120240+W7 DM43,33,42,41>CN85 -0700 W7EIJ
01120330 KUNV NV Las Vegas 91.5 F WA5IYX
01120440 K7ICW DM26 > CN85 H W7DB
01120450 K7RNS DM31 > CN87 50.061 B K6FV
01120500 W7 59+ AE > CN85 > 0545 W7DB
01121430 W7 DM40 > CN85 > 1430 W7EIJ
01121700 W7 MT,WA K6QXY
01140000-W7 OR K6QXY
01140330 W7/W6SKC -0400 > DM07 B W7STU/6
01140500 W7 OR,WA -0600 > DM07 W7STU/6
01140515 W7/K6C0VF DM42 > DM04 FAI W KC6WFS
01171700 KIDK 3 ID Idaho Falls T WA5IYX
01171735 KLCY UT Vernal 105.9 F WA5IYX
01171900 KNAZ 2 AS Flagstaff T WA5IYX
01171900 KVCB 3 NV Las Vegas T WA5IYX
01171900 W7 AE, BV > EL09 WA5IYX
01171900 W7 UT > DM04WZ B6ZE
01171935 KTVK 3 AS Phoenix T WA5IYX

United States, W8
12100054 WJMN 3 MI > LA 1075 T KRUSEKA
12120054 W8MM FY5CC
12280120 WJBK 2 MI 904 T OGLETHO
12282305 WDTN 2 OH 735 T OGLETHO
12282331 N8EJW, KUSY, K8MD FY5CC
12282340 K8CU, WB8GEX FY5CC
12282340 WA8QNR, AA8Q FY5CC
12282350 WJBK 2 MI 904 T OGLETHO
12290020 WA8NJR, K8MFO, W8EIH FY5CC
12290038 KB8EW, KB8EJW FY5CC
12290047 WB8KRY, KB8HD, N8KOL FY5CC
12290059 W7BR FY5CC
01070130 KC8CWT EN76 > EN13 AUE7 W W7XU/0
01070330 K8EB 57A EN73 > EN66 144 W N8PUM
01070509 K8EJW EN79 > EN13 AUE7 W W7XU/0
01111900-W8 OH K6QXY
01120208 KB8YDK 59 EN90 > CN80 50.155 S KC6IPF
01120240 K8MFO 559/559 EN90 50.100 C K6FV
01172329 W8 > EL09 WA5IYX

United States, W9
12282339 WFRV 5 WI 985 T KRUSEKA
12282348 WTMJ 4 WI 885 T KRUSEKA
12282357 WISC 3 WI 875 T KRUSEKA
12290028 WB9WHQ > GG54 FY5CC
01010055 N9NJS 59/59 EM58 50.160 S KC6IPF
01070305 WA9JML 32A EN51 > EN66 144 W N8PUM
01070330 W9DGBA 32A EN52 > EN66 144 W N8PUM
010703XX K9MRI EN70 > EN66 AUR 144 H N8PUM
01110220-N9NJS EM58 > DM04 W KC6WFS
01111900-W9 IL K6QXY
01112300 W9 IL > DM04 H KC6WFS
01120150 KB9JNO EM57 > CN85 W N7EIJ
01120151 W9GU/4 EM91 > CN85 W N7EIJ
01120155 N9NJS II > CN85 H W7DB
01120236 W9VA 559/559 EN62 50.100 C K6FV
01120300 N9ZPP 59 EM68 > CN80 50.155 S KC6IPF
01121659 W7W2 2 IN Terre Haute T WA5IYX
01123220-K9FYI EN45 > FN03 H K2IV
01160120 WAPL WI Appleton 105.7 F WA5IYX
01160120 WAPL WI Appleton 105.7 F WA5IYX
01172329 W9 > EL09 WA5IYX
01180016 W9 IL EN61 > EL09 WA5IYX
01180016 WBBM 2 IL Chicago T WA5IYX

United States, W0
12100130 KSWK 3 KS 760 T KRUSEKA
12100230 KLINE 3 NE 860 T KRUSEKA
12132231 KSWK 3 KS 760 T KRUSEKA
12250310 NOLL EM09 > CN80 50.130 S KC6IPF
12250312 KCOARA DM99 > CN80 50.130 S KC6IPF
12250320 KBO7RN DM79 > CN80 50.140 S KC6IPF
12250328 W0/W6QAL DM79 > CN80 50.140 S KC6IPF
12261548 KB07? > DL44 H XE2HNB
12280112 KOAA 5 CO > LA 940 T KRUSEKA
12281741 NOLL WEAK -1813 > DL44 B XE2HNB
12290028 W0/W7XU > GG54 FY5CC
12290111 KMTT 3 IA T KRUSEKA
12290115 KGAT 2 IA T KRUSEKA
12290257 KOAA 5 CO 940 T KRUSEKA
12292100 KOETC (F2) FY5CC
01012330 KCNC 4 SD,ND 806 T OGLETHO
01020000 W0 CO,NE,SD,ND K6QXY
01020000-K1QK SD RAPIDCITY 104.1 F WA5IYX
01020054 KOGU 59+> DM70 > EL09 144 W WA5IYX
01020056 K0JY DM68 > EL29 FAI7144.2 S K5LLN
01020100 W0 FAIRT DM79 > EL09 144 H WA5IYX
01020134 NOERG DM79 > CN80 50.125 S KC6IPF
01020137 KOETC 56 DM27 > CN80 50.125 S KC6IPF
01020138 W0JRP EM27 > CN80 50.125 S KC6IPF
01020159 W0 DM68 > EL09 144 H WA5IYX
01020159 W0BQM DM81 > CN80 50.125 S KC6IPF
01020201 W0BQZL DM70 > CN80 50.125 S KC6IPF

United States, W6

12140003 W6/WB3V DM26 > DL44 S XE2HNB
12140046 W6AJ DM06 > DL44 S XE2HNB
12140051 W6KGF DM03 > DL44 S XE2HNB
12140053 K6QXY CM96 > DL44 S XE2HNB
12140054 W6KEX CM98 > DL44 S XE2HNB
12140056 AA6DD DM43 > DL44 S XE2HNB
12140057 KB6VFC DM13 > DL44 S XE2HNB
12140058 K6GHW DM12 > DL44 S XE2HNB
12140100 KF6NIP DM14 > DL44 S XE2HNB
12140104 K6QXY CM88 > DL44 S XE2HNB

01020257 WOND DN96 > CN80 50.125 S KC6IPF
 01020300 KBQDQK DM70 > CN80 50.125 S KC6IPF
 01070315 WO/W7XU 59A EN13 > EN66 144 W N8PUM
 01070349 KAOPQW 59A EN33 > EN66 130 W N8PUM
 01090300 WO 59+20-30 > FN13 K2SP0
 01111900-WO MO,KS,CO K6QXY
 01120007 KOWYH EM38 > CN80 50.125 S KC6IPF
 01120007 W080Q EM24 > DM42 E8 144 W N7WS
 01120007 W0LL, W0MTK, W0IJR > CN85 B W7DB
 01120028 WOND DN96 > CN87 W WA6GYD
 01120030-WO DM79 > CN85 W N7DB
 01120043 KAOPAE EM48 > CN85 W N7EIJ
 01120100 W0LL, W0MTK, W0IJR -0630 B WA7TDS
 01120139 W0KQY 55 DM98 KS > CN85 144 W N7EIJ
 01120146 W0LL 50.078 B KC6IPF
 01120146 WO/W7XU EN13 > CN85 H N7DB
 01120200 W0LD DM78 > EN62 50.100 C W9VA
 01120210 W080Q EM24 > CN85 W N7EIJ
 01120252 K0GKI 59 DM79 > CN80 50.155 S KC6IPF
 01120306 WAOROW 59 DM79 > CN80 50.155 S KC6IPF
 01120336 W0MTT 55/56 DM79 50.155 S K6FV
 01120338 KOKU DM58 > CN80 50.155 S KC6IPF
 01120340 W0LD 57 DM78 > CN80 50.155 S KC6IPF
 01120355 KOKYS EM48 > CN87 50.138 H K6FV
 01120405 WO/W6OAL 50.138 H K6FV
 01120408 W0MS 59 DM79 > CN80 50.155 S KC6IPF
 01120417 W0LL, W0BOMO B WA5IYX
 01120450 W0IJR > CN87 50.065 B K6FV
 01120450 W0MTK DM51 > CN87 50.065 B K6FV
 01120553 W80F 52/55 DM34 > CN80 50.155 S KC6IPF
 01121430 WO DM79 > CN85 > 1430 N7EIJ
 01122320-KAOPQW EN33 > FN03 H K2IV
 01122320-W0HNM EN03 > FN03 H K2IV
 01122320-WA0BWE EN34 > FN03 H K2IV
 01122320-WA0TDK EN04 > FN03 H K2IV
 01171800 WO CO K6QXY
 01171900 WO CO > DM04HE N6ZE
 01172329 KGAN 2 IA Cedar Rapids T WA5IYX
 01172329 WO > EL09 T WA5IYX
 01192320-KYTV 3 MO Springfield T SHAFTAN

Reports of Oceania

AUSTRALIA, General

01010615 VK TV 59++ 46.170/46.240 V EL3TIC
 01010615 VK TV 59++ 57.24/.25/57.260 V EL3TIC
 01010900 VK FM 107.5/107.9 F EL3TIC
 01010900 VK TV 59 86.200 86.250 V EL3TIC
 01010935 VK 1,2,3,4,5,7 59++ EL3TIC
 01010935 VK PAGERS 58+ 148.183 P EL3TIC
 01140609 VK TV VID 59 46.17 V EL3TIC

Australia-New South Wales

12310048 VK2 ch0 > QM05 -0245 46.24 V JA1VOK
 12310239 VK2QF > QM03 50.110 S JA8G5X
 12310308 VK2QF > QM24 50.110 S JA8QX
 01030240 VK2 ch0 > QM05 -0300 46.24 V JA1VOK
 01030240 VK2DM > QM05 50.110 H JA1VOK
 01030245 VK2BA > PM86 50.110 S JA9SSB
 01040337 VK2 ch0 > QM05 46.24 V JA1VOK
 01103320 VK2 ch0 > QM05 -0440 46.24 V JA1VOK
 01140508 VK2YO 50.14 EL3TIC
 01250508 VK2 ch0 > QM05 -0520 46.24 V JA1VOK

Australia-Victoria-VK3

12310258 VK3ANP > QM24 50.110 S JA8QX

Australia-Queensland-VK4

12310218 VK4 ch0 > QM05 -0245 46.17 V JA1VOK
 12310315 VK4AFL > QM24 50.150 S JA8QX
 12310405 VK4DMI > QM24 50.130 S JA8QX
 12310406 VK4GPS > QM24 50.130 S JA8QX
 12310415 VK4JSR > QM24 50.130 S JA8QX
 01040505 VK4 ch0 > QM05 46.17 V JA1VOK
 01090359 VK4APG > PM64 50. C JB4JPO
 01090403 VK4GPS > PM64 50. C JB4JPO
 01090405 VK4AFL > PM64 50. S JB4JPO
 01090423 VK4RRG > PM64 50.0775 B JB4JPO
 01090426 VK4DO > PM64 50.119 S JB4JPO
 01090443 VK4/VK3LK > PM64 50.110 S JB4JPO
 01090443 VK4WTN > PM64 50.120 S JB4JPO
 01100209 VK4 ch0 > QM05 -0430 46.17 V JA1VOK
 01103110 VK4 ch0 > QM05 -0400 46.17 V JA1VOK
 01250500 VK4 ch0 > QM05 -0538 46.17 V JA1VOK

Hawaiian Is.

01011110 KHON 2 HI WK -1430 55.260 V EK1AA
 01061000 KHON 2 HI -1200 55.260 V EK1AA
 01061423 KHON 2 HI -1523 55.260 V EK1AA
 01070730 KHON 2 HI -0830 55.260 V EK1AA
 01071140 KHON 2 HI -1300 55.260 V EK1AA
 01071450 KHON 2 HI -1610 55.260 V EK1AA
 01080622 KHON 2 HI -1322 CD 55.260 V EK1AA
 01080630-KFVE 5 HI HONOLULU 77.250 V EK1AA
 01080630-KGMV 3 HI WAILUKU 61.250 V EK1AA
 01080630-KH6HME HI B EK1AA
 01080630-KITV 4 HI HONOLULU 67.240 V EK1AA
 01091120 KHON 2 HI -1250 CD 55.260 V EK1AA
 01091445 KHON 2 HI -1615 55.260 V EK1AA
 01101450 KHON 2 HI -1550 WK 55.260 V EK1AA
 01140830 KHON 2 HI -1300 55.260 V EK1AA
 01150830 KHON 2 HI -1030 WK 55.260 V EK1AA
 01160840 KHON 2 HI -1040 55.260 V EK1AA
 01220730 KHON 2 HI -0800 WK 55.260 V EK1AA
 01221100 KHON 2 HI -1200 WK 55.260 V EK1AA
 01240750 KHON 2 HI -1110 55.260 V EK1AA
 01240750-KGMV 3 HI WAILUKU 61.250 V EK1AA
 01240750-KH6HME HI B EK1AA
 01240750-KITV 4 HI HONOLULU 67.240 V EK1AA

MinamiToriShima

01020943 JDBIY QL64 > QM05 50.110 S JA1VOK
 01040512 JDBIY > QM05 50.110 H JA1VOK

NEW ZEALAND

12310045 EL ch1 > QM05 45.26 V JA1VOK
 12310425 EL ch1 > QM05 45.26 V JA1VOK
 12310438 EL ch1 > QM05 -0515 45.25 V JA1VOK
 01010619 EL ch1 > QM05 -0650 45.25 V JA1VOK
 01011948 EL TV S2-5 45.240,45.250 V K6QXY
 01020000 EL TV 45.240,45.250 V K6QXY
 01020245 EL ch1 -0330 45.26 V JA1VOK
 01030210 EL ch1 > QM05 -0400 45.25 V JA1VOK
 01030210 EL ch1 > QM05 -0400 45.26 V JA1VOK
 01030233 EL2TFY > QM05 50.110 S JA1VOK
 01030237 EL2TFY > PM86 50.105 S JA9SSB
 01080245 EL TV 0 EL -0622 45.25+ V EK1AA
 01090140 EL TV -0315 45.24, .25, .260 V K6QXY
 01100258 EL ch1 > QM05 -0400 45.24 V JA1VOK
 01100305 EL ch1 > QM05 -0400 45.26 V JA1VOK
 01100306 EL ch1 > QM05 -0400 45.25 V JA1VOK
 01100310 EL TV 0 EL -0710 45.25+ V EK1AA
 01110140 EL ch1 > QM05 -0400 45.24 V JA1VOK
 01110140 EL ch1 > QM05 -0400 45.26 V JA1VOK
 01110140 EL ch1 > QM05 -0400 45.26 V JA1VOK
 01110252 EL2TFY > QM07 50.145 S JK7IKU
 01110255 EL2TFY > QM09 50.120 S JK7IKU
 01250708 EL ch1 > QM05 -0720 45.26 V JA1VOK
 01250710 EL ch1 > QM05 -0720 45.24 V JA1VOK
 01250710 EL ch1 > QM05 -0720 45.25 V JA1VOK

Samoa, American

01010615 KVEK 2 AS PagoPago 55.250 V EL3TIC

Reports of South America

ARGENTINA

11240013 LU9EHF SO vy wk -0243 B HP3KUG
 11240101 LU9EMK 5-5/3-8 GF05 50.115 S HP3KUG
 11240113 LU9EHF S1 > EJ88 B HP3KUG
 11260305 LU9EHF SO, B HP3KUG
 12022350 LU8EWD. > GG54 PY5CC
 12110145 LU9JAU 57 TR DANIEL 50.110 LWSEJU
 12121345 LU3ELW > GG54 PY5CC
 12271230 LU6DRV, LU8EWD PY5CC
 12281151 LU5EJU PY5CC
 12281215 LU5BQ/M---E8----- 50.110 LWSEJU
 01142000-LU Buenos Aires PY5CC
 01152138 LU9AEA/m Patagonia FE60 S PY5CC
 01161751 LU1VK 59 E8 FRANCIS 50.110 LWSEJU
 01161758 LU3YA 53 E8 HECTOR 50.110 LWSEJU
 01161802 LU3YYS 59+ GUSTAVO 51.500 LWSEJU
 01161900 LU8YYO 53 E8 50.033 B LWSEJU
 01161906 LU5JAU 55 TR DANIEL 50.110 LWSEJU
 01172218 LU1VK 53 E8 FRANCIS 50.110 LWSEJU
 01181550 LU9AEA/X51E8 JORGE 50.110 LWSEJU
 01182253 LU9AEA/X57E8 JORGE 50.110 LWSEJU
 01200000 LU > FK68 50.110 W WP40
 01220001 LU2EQQ 54 50.110 W WP40

BRAZIL

11240013 PY2AA 80 -0328 > EJ88 B HP3KUG
 11240049 PY1AA 80 vy wk, B HP3KUG
 11240243 PY2SFY 80 vy wk B HP3KUG
 11260305 PY1AA 80 wk, B HP3KUG
 11260305 PY2AA 80, B HP3KUG
 11260305 PY2SFY 80 wk B HP3KUG
 11270116 PY1AA 80, B HP3KUG
 11270116 PY2AA 80/1, B HP3KUG
 11270116 PY2SFY 80 vy wk B HP3KUG
 11300018 PP2AU 57 TE MARCELO 50.110 LWSEJU
 11300043 PY2AA 80 vy wk -0320 B HP3KUG
 11300320 PY1AA 8 B HP3KUG
 11300320 PY2SFY 80 vy wk B HP3KUG
 11301108 PY5CC LWSEJU
 12010138 PY2AA 80 vy wk -0223 B HP3KUG
 12010223 PY1AA 80 vy wk B HP3KUG
 12052050 PY2AA 59+E8 50.059 B LWSEJU
 12052051 PY2SFY 59+E8 50.010 B LWSEJU
 12052103 PY2WBC 59 E8 ANDERSON 50.110 LWSEJU
 12052142 PY2DP 57 E8 JOSE 50.110 LWSEJU
 12060243 PY2AA 80 B HP3KUG
 12062320 PY8AE 55 E8 ADOLFO 50.110 LWSEJU
 12070130 PY2AA 57 E8 50.059 B LWSEJU
 12072346 PY8AE, PY8EA, PY8MD/8 PY5CC
 12082227 PY2KW, PY8AE, PT7NK PY5CC
 12100012 PY2WBC PY5CC
 12100033 PU7AGQ PY5CC
 12120152 PY2AA 80 -0312 B HP3KUG
 12120152 PY2SFY 80 wk -0224 B HP3KUG
 12140227 PY1AA 80 vy wk, B HP3KUG
 12140227 PY2AA 80, -0331 B HP3KUG
 12140227 PY2SFY 80 vy wk -0331 B HP3KUG
 12150000 PY2AA 80/1 -0048 B HP3KUG
 12150000 PY2SFY 80, B HP3KUG
 12150000 PY5CC 80 50.110 S HP3KUG
 12160023 PY2AA 80 B HP3KUG
 12160023 PY2SFY 80 vy wk < 0117 B HP3KUG
 12190054 PY8EA, PU7AGQ PY5CC
 12200229 PY2AA 80 B HP3KUG
 12202342 PY2AA 81/2 B HP3KUG
 12202342 PY2SFY 80 B HP3KUG
 12220306 PY2AA 80 B HP3KUG
 12260018 PY2AA 80 wk PY5CC
 12270051 PY8EA PY5CC
 12271143 PY2XB 59 E8 FRED 50.110 LWSEJU
 12271150 PY2AA 59 E8 50.059 B LWSEJU
 12271150 PY2SFY 59 E8 50.010 B LWSEJU
 12271205 PU3WFA 59 E8 ALMEIDA 50.110 LWSEJU
 12271206 PP5BC 59 E8 INGO 50.120 LWSEJU
 12272051 PY2CDS PY5CC
 12281128 PY2AA 59 E8 50.059 B LWSEJU
 12281137 PU2MHL 53 E8 MARCIO 50.110 LWSEJU
 12281152 PY5CC 55 E8 PITER 50.110 LWSEJU

12281210 PY2WBC 55 E8 ANDERSON 50.110 LWSEJU
 12281555 PY2WBC 59 E8 ANDERSON 50.110 LWSEJU
 12281621 PP5JD 54 E8 JAIME 50.110 LWSEJU
 12281734 PY2DNR 59 E8 MAURO 50.120 LWSEJU
 12281743 PU2MHL 59 E8 MARCIO 50.110 LWSEJU
 12312343 PY2AA 80 -0055 B HP3KUG
 12312346 PY2XB 539/539 GG66 50.1108 C HP3KUG
 12312354 PY2SFY 80 wk -0055 B HP3KUG
 01020019 PY2AA 80 > EJ88 B HP3KUG
 01020024 PY2SC 50.110 S/50.1005 C HP3KUG
 01020100-PY2XB GG66 > EL96 W WB2QLP/4
 01020100-PY5CC GG54 > EL96 W WB2QLP/4
 01040218 PY2AA 80 > EJ88 B HP3KUG
 01040218 PY2SFY 80 wk > EJ88 B HP3KUG
 01041448 PU2MHL 59+E8 MARCIO 50.110 LWSEJU
 01041808 PY2XB 51 E8 FRED 50.110 LWSEJU
 01041811 PY2MHL 52 E8 MARCIO 50.110 LWSEJU
 01041816 PY2AA 52 E8 50.059 B LWSEJU
 01041836 PY2WBC 55 E8 ANDERSON 50.120 LWSEJU
 01060014 PY2AA 80 -0247 > EJ88 B HP3KUG
 01080214 PY2SFY 80 wk > EJ88 B HP3KUG
 01122340 PY5CC 51 > FK68 50.110 S WP40
 01122340 PY2ANE 55 E8 ORLANDO 50.110 LWSEJU
 01142115 PY2SFY 52 E8 > GF05 50.010 B LWSEJU
 01142138 PY2SC 53 E8 PITER 50.110 LWSEJU
 01142155 PY3MF 59 E8 MOACID 50.120 LWSEJU
 01151943 PY2DNR 57 E8 MAURO 50.110 LWSEJU
 01151954 PY2MHR 57 E8 MARCOS 50.120 LWSEJU
 01161559 PY2DNR 55 E8 MAURO 50.110 LWSEJU
 01161904 PU2MHL 52 E8 > GF05 50.110 LWSEJU
 01161926 PY2SFY 53 E8 > GF05 50.010 B LWSEJU
 01170020 PY2DP 55 E8 JOSE 50.110 LWSEJU
 01170035 PY5CC 59 E8 PITER 50.105 LWSEJU
 01171835 PY2DNR 59 E8 MAURO 50.650 LWSEJU
 01172156 PY2XB 52 E8 FRED 50.110 LWSEJU
 01210010 PY2XB > FK68 50.110 C WP40

San Andres Is.

01020100-HK0HEU EK92 > EL96 50.110 W WB2QLP/4
 01072115 HK0HEU 59+ > FK68 50.110 W WP40
 01072215-HK0HEU SAN ANDRES I 50.110 W KP48IT

URUGUAY

11240049 CX1CCC 81 -0243 B HP3KUG
 11240055 CX3AM 579/579 Bert 50.110 C HP3KUG
 11260305 CX1CCC 80 B HP3KUG
 12120152 CX1CCC 80 vy wk B HP3KUG
 12150138 CX1CCC 80 vy wk B HP3KUG
 01142000+CX > GG54 PY5CC
 01200000 CX > FK68 50.110 W WP40

VENEZUELA

11301108 YV4AB > GF05 B LWSEJU
 12012342 YV4AB 53 TE 50.025 B LWSEJU
 12050020 YV4AB 57 TE 50.025 B LWSEJU
 12132320 YV5MM > GG54 PY5CC
 12172325 YV5MM > GG54 PY5CC
 12311937 YV4AB 81/5 > EJ88 B HP3KUG
 12312307 YV4AB 80 -0021 > EJ88 B HP3KUG

Beacon News

Alaska: Steve, VK3OT/KL7 notes indicators on 40.6591 (M/S radar), 49.635 DARN AU radar, and 55.2399 A2 TV (Anchorage BP51).

Brazil: PT7NK indicates that the 5/8 λ Cushcraft antenna used by the beacon has been stolen !!! They moved the beacon to PT700's QTH and they are using a Yagi presently. However they are working on a new antenna. Tnx PY2XB

Japan: JG1ZGW beacon on 50.490 CW changed the beam direction for south as of Jan.17.

QSL Information

3C5I, Alan Isaachsen, PO Box 650232, Dallas, TX 75248 USA

VK3OT/KL7: (temporary) HC33 Box 2966, Wasilla AK.

ZX0ECF: via PT2GTI

N0TG/VP5, WA4DAN/VP5, AA4VK/VP5; to N0TG, William Rowe Jr., 1094 Big Rock Loop, Los Alamos, NM 87544.

9M2TO: via JA0DMV, JARL Bureau

9M2KT: via 9M2 Bureau.

PY5CC: (3) For N.Americans, via JA1VOK for all bands. Hatsuo Yoshida, 13-6, Kanasugi 5 chome, Funabashi, Chiba 273-0853, JAPAN (Note new 7 digit zip codes now in effect).

JH1WHS: Yutaka Katoh, 1726 Kanoh Okegawa, Saitama, 363-0001 JAPAN

JH1MCX: Akira Saito, 1-15-3 Kamakurayama Kamakura, 248-0031 JAPAN

VE7SKA: Mike Cherry, 362 Sky Valley Rd., Salt Spring Is. BC, V8K 2C3 CANADA

AA6TT: William Hein, 1616 Vista Del Mar Av., Hollywood, CA 90028-6420

AH8A: William E. Faulkerson, PO Box 2567, Pago Pago, AS 96799 USA

G0DJA: Dave Ackrill, 104 Haigh Moor Road, West Ardsley, Wakefield WF3 1EF ENGLAND

ZP5ZR: Gabriel Gonzalez, NB #122002, 13220 S.W. 131 St., Miami, FL 33186

DX Operations

Equatorial Guinea: (via GJ4ICD). Alan Isaachsen has a received a license and call 3C5I after several months, 20 visits to the authorities, and \$450. "I'm living in Malabo (JJ43JR) and will be operating mainly 6 and 10m. I have local TV on 48.250 video from 1500 to 2300Z most days, so I cannot operate in this time period. Look for a beacon going most of the time when I'm not on the air, otherwise I will be on 50.110. The 6m equipment is a TS680S and 100W into a 4 el quad at 30' with a good takeoff. I can be reached in the office weekdays from 0700-1600Z at either OASAAACH@DAL.MOBIL.COM or on a direct line through Dallas on (214) 905-4805."

Antarctica: A DXpedition to Base Commandante Ferraz on King Georg Island was to be QRV on 160-6m between January 19 and February 9. The call is ZX0ECF.

LU1ZC: on Deception Is. in the South Shetlands has been worked on 6m. They are using an HF antenna for 6m, and have been weak in Brazil.

Saudi Arabia: Paul, G7SLP, KC5CRJ is returning to work in Dhahran and taking with him an FT920. He plans to put antennas for 17 and 6m at the club station, HZ1AB and to be QRV during the 1998 Es season. Tnx G4HBA.

Madagascar: 5R8DA, Jean is operational on 6m with IC-706 & 5el and 5R8EE (ex. FR5EL), Michel is operational with 200W & 5el. This from F5QT, Jean Paul, who visited both 5R & FR last October and November. --Tnx JA1VOK

Nepal: JA8OW Mr. Tanimoto will QRV from 9N1 in January & February 1998.

Western Malaysia: Currently there are two stations there QRV on 6m, Tex, 9M2TO, who is running 150W into a 4el Yagi, and Phoa, 9M2KT, who is running 100W into a ground plane antenna. Both are also on 28.885.

Turks and Caicos Is: A group consisting of N0TG, AA4VK, and WA4DAN were to be QRV on VP5 between January 16 and 23 most only the WARC bands and 6m.

Midway Is: Ted, NH6YK, indicates that he will likely be on KH4 between March 18-29 and will take a FT690mkII and a squalo with him, however the trip may not leave a lot of time for ham radio.

Alaska: E-mail from Steve, VK3OT/KL7 dated January 2: "I am slowly getting on the air given the -20 and -30 degree temps and 5 hours of daylight, meaning that most work is done in the mornings or when it is snowing. Along with getting SSN and Driver's and Pilot's licenses, arranging auto insurance, amateur activity is taking its place. So 6m beam is up nearly 50 feet with great takeoff from 050 around to 300, but North is bad except for 2M b/s. Worked Tom, NL7OW yesterday at 130 mi. KL7AF is very active and has the best prospect to work out of here.

More Call Changes

WA6BYA	W6BYA	CM87	Robert Sohl, Santa Cruz, CA
WB6ASR	W6IT	CM87	Gregory Campbell, Cupertino, CA
WB9AJZ	N9JIM	CM87	James Moss, Sunnyvale, CA
WA6LET	W6SRI	CM87	SRI AR Society, Menlo Park, CA
KE7HU	W16Z	CN84	Kirk Gilbert, Springfield, OR
KB7CFR	WX7R	CN85	John Thomas, Silverton, OR
WM7A	K7NQ	CN87	Jimmy Sutton, Federal Way, WA
W7KMS	W6KGF	DM06	Charles Griggs, Fresno, CA
N7MBN	WX7M	DM08	Patrick Mulreany, Wellington, NV
K7JQN	WF7S	DM41	William Dalrymple, Nogales, AZ
N7WBQ	N7WB	DM42	John Munger, Tucson, AZ
N5AHI	W5RP	DM91	Phillip Kothmann, San Angelo, TX
NY5Z	K7ZT	DN41	Joseph Westbrook, Ogden, UT
N5EOP	N5OB	EL18	Orien Block, Midfield, TX
KT4LL	AJ4Y	EL97	Paul Womble, Highland City, FL
KE7KF	WT7D	EM12	James Blair, Dallas, TX
WB0AKE	AB0AH	EM17	Larry Hastings, Augusta, KS
AH8B	W4WT	EM74	Joseph Spear, Cumming, GA
W5HUQ	W4UE	EM90	John Moore, Orange Park, FL
K4ICX	W4LK	EM93	Lawrence Kirkland, Columbia, SC
WD8KLU	NQ8A	EN62	Larry Schrader, St Joseph, MI
WB8YFE	W9VHF	EN71	Ray King, moving to OH in 1998
W8UCI	W8GF	EN82	Gerald Fasse, Warren, MI
KE8HO	WD8O	EN82	Stephen Murphy, E Detroit, MI
K8III	W8ZH	EN91	Paul Wolfe, Burton, OH
AD4ZQ	KQ4Z	FM16	Christopher Mason, Portsmouth, VA
KU4DZ	AF4CD	FM16	Lynn Gahagan, Chesapeake, Va
N3JLE	K3KCL	FM19	Leonard Rill, Reistertown, MD
KA3B	K3HS	FM29	Harry Schools, Philadelphia, PA
WA3HMK	W3CMP	FN10	Chris Patterson, Lancaster, PA
K7YHA	K7SZ	FN21	Richard Arland, Wilkes Barre, PA
N1KTM	W1LP	FN41	Clinton Walker, E Sandwich, MA
K1FWF	K1AE	FN42	John Allen, Bolton, MA

Tuning the IC-551/D under 50 MHz

by Pat Dyer, WA5IYX

This method was explained to me by N6AMG (who might have gotten it from another source, perhaps a VK).

- (1) MODE = USB
- (2) VFO = A

(3) Depress and HOLD the speed-rate button (left of the main-tuning knob) on high (lit red mid LED in the row just left of the frequency display) while rocking the MODE from USB to FM and back. This will cause the frequency to decrease in 10-kHz steps. When it goes under 50 MHz the display will read 59.xxx.x for the 49-MHz range.

(4) Do NOT touch the main-tuning knob until it's worked down to under 49 MHz (58.xxx.x on the display) since any attempt at a downward freq change in the 49-50 range will cause an abort to 53.xxx.x MHz. Once under 49 MHz the vfo can be moved in either direction (and, with extremely reduced sensitivity, it will go down to 46 MHz or lower).

(5) Move the VFO switch to A=>B, and the VFO A can then be reset to tune 6-m proper. Just remember not to tune above 49 MHz on B because of the above-mentioned abort. In the VFO B position step 3 can be used to "walk" it back to under 49 MHz. Be careful to avoid hitting the button on the lower-right side of the main-tuning knob while on B as the freq scan that it will initiate will likely cause it to revert to the normal 50-54 MHz portion of the band.

Now you can see why I get rather upset here at a mains outage!

K1JRW had once sent me some details for a hardware mod that involved installing (sub)mini-toggle switches on the underside of the 551D which could change the BCD input codes on some chip so that 49, 48, 47, etc could be chosen (I think that the display might have remained at 50 for those though). I figured that was a bit of a mess to go thru. . .

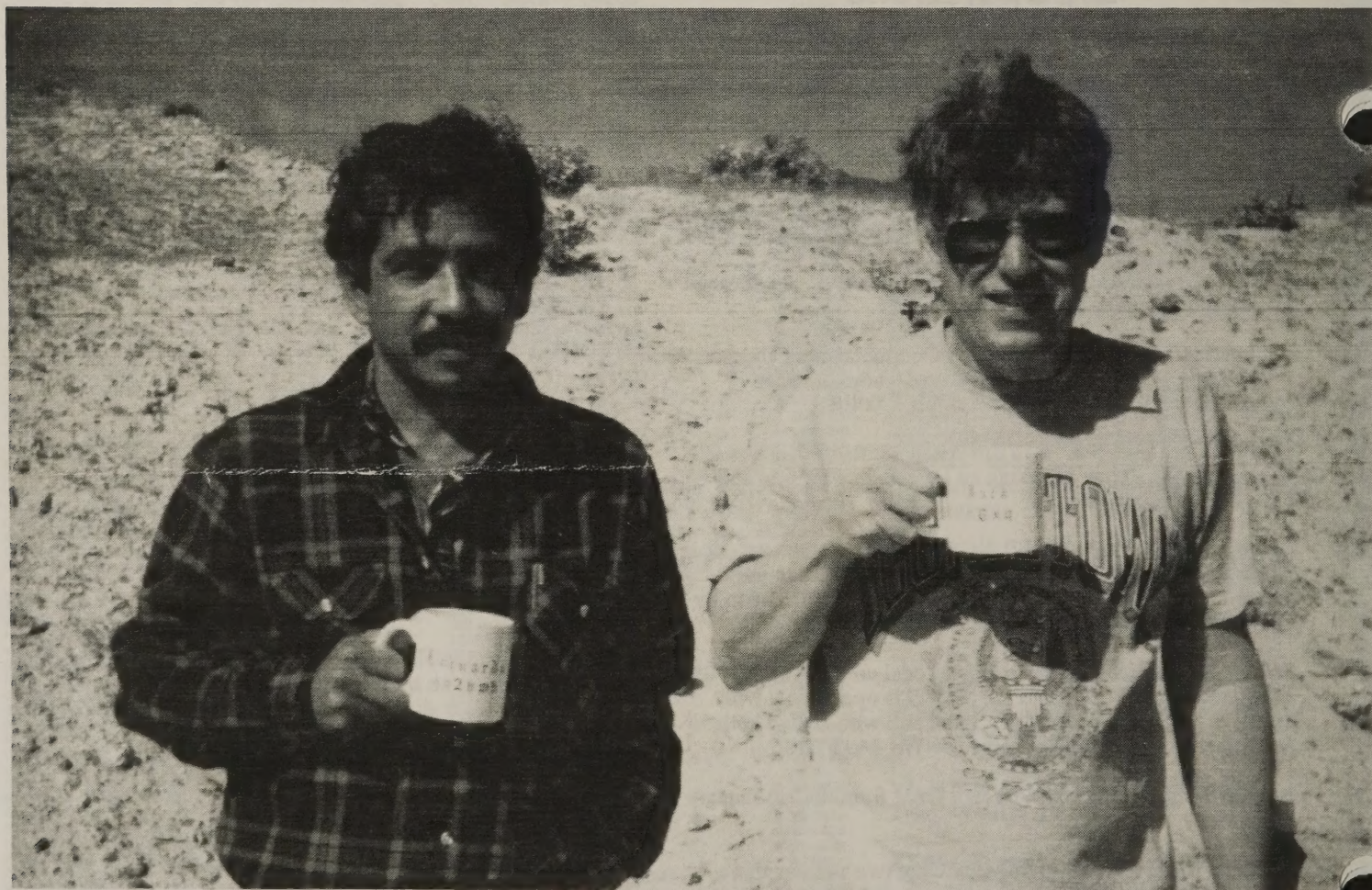
More On The Calling Freq

W6KGF writes: "Outstanding double hop into DM 06 Fresno today. For me started with first contact into Fla at 0014 1/12/98 (WB2QLP EL 96). Over the next 4 hours worked mostly Fla, Tenn, Ala, Geo, Miss-and one partial in Virginia. Gratifying to me was that stations were heard (and worked) as high 50.300 (SSB). The 50.125 bedlam demonstrated, to me at least, using 50.2 as a calling frequency might alleviate congestion. It's obvious that some operators don't know the difference between "calling" and "conversation" The QRM sounded like 20 meters!

Oh well!!! Having operated through a few cycles since I was originally licensed in the 50's I wonder what the new cycle will bring if WE DON'T spread out?"

Chuck W6KGF (X-W7KMS) Fresno DM 06

WANTED



Te envío una fotografía de Jack, N6XQ y mía (XE2HWB). Fue tomada en el concurso de la ARRL, en el Desierto de Vizcaino (1992), por la W6YLZ--Miguel. Como un recuerdo de mi parte para tu archivo del 50 MHz DX Bulletin.